Please type a plus sign (+) inside this box - X

Ptease type a plus sign (+) inside this box X X PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# **TRANSMITTAL FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application number	09/988,462		
Filing Date	November 20, 20		
First Named Inventor	Michael Koziel	REC	EIVED
Group Art Unit	TBA	AUG 0	8 2002
Examiner Name	TBA		
Attorney Docket Number	s-18805I	CH CENT	R 1600/2900

		E	NCLOSURES (che	ck all ti	hat apply)
Fee Transmittal For	m		ssignment Papers or an Application)		After Allowance Communication to Group
Fee Attached	1		Prawing(s)		Appeal Communication to Board of Appeals and Interferences
Amendment / Reply	,	Li	icensing-related Papers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Final			etition		Proprietary Information
Affidavits/de	claration(s)	Pi	etition to Convert to a rovisional Application		Status Letter
Extension of Time R	Request		ower of Attorney, Revocation hange of Correspondence ddress	х	Other Enclosure(s) (please identify below):
Express Abandonm	ent Request		erminal Disclaimer	1.	Second Preliminary Amendment
X Information Disclose			CD, Number of CD(s)	-	9 References Credit Card Payment Form
Certified Copy of Pri Document(s)	iority	Remarks	s		Mile Ve
Response to Missin Incomplete Application					COPY OF PAPERS
	Missing Parts R 1.52 or 1.53				ORIGINALLY FILED
under 37 CFF	3 1.52 OF 1.53			CLAR	
	SIGNATU	RE OF A	PPLICANT, ATTORNEY, O	R AGE	IT
Firm	Gregory W. V	Varren	, Registration No.	48,3	85
or Individual name Syngenta Biotechnology, Inc.					
Signature	Signature Gregory W. Waver  Date July 29, 2002				
Date	July ?	29, 3	2002		

CERTIFICATE OF MAILING							
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:            July 29, 2002							
Typed or printed name	Gail C. Griffin						
Signature	Hail C. Shiffin	Date July 29,2007					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#17/6/19/02 RECEIVED

AUG 0 8 2002

TECH CENTER 1600/29

In re application of:

KOZIEL, et al.

Serial. No. 09/988,462

Filed: November 20, 2001

For: SYNTHETIC DNA SEQUENCE

HAVING ENHANCED ACTIVITY

IN MAIZE

Art Unit: TBA

Examiner: TBA

Atty Docket: 18805I

Confirmation No.: 8906

COPY OF PAPERS ORIGINALLY FILED

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with 37 CFR §1.56, Applicants wish to call the Examiner's attention to the references cited on the attached Form PTO-1449. Copies of all references cited on the attached Form PTO-1449 are herewith enclosed.

The submission of these references is made solely for the purpose of complying with Applicant's duty of disclosure, and is not intended as a surrender of patentable subject matter nor is it intended to create prosecution history estoppel.

The Examiner is requested to consider the foregoing information in relation to this application and to indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

In re Apparation of KOZIEL, et al. Serial No. 09/988,462

In accordance with 37 CFR §1.97(b)(3), no fee is believed to be required for consideration of this statement because it is being submitted before the mailing date of a first Office Action on the merits. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 50-1744.

Respectfully submitted,

Gregory W. Warren

Agent for Applicants

Registration No. 48,385

Syngenta Biotechnology, Inc. P. O. Box 12257

Research Triangle Park, NC 27709-2257

Telephone: 919-541-8646

Date: July 29, 2002

Sheet 1 of 1

FORM PTO-1449 (REV. 7-85) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE CITATION** 

Use Several sheets if necessary)

COPY OF PAPERS ORIGINALLY FILED ATTY. DOCKET NO. 18805I APPLICATION NO. 09/988,462 APPLICANT KOZIEL et al FILING DATE: November 20, 2001

Confirmation No.

8906 Group 1638

#### **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	Α						

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRAN YES	SLATION NO
В	0 290 395	9/11/88	EP				
С	WO 90/08825	8/9/90	WIPO				

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

D	Battey, N.H., Calcium-Activated Protein Kinase from Soluble and Membrane Fractions of Maize Coleoptiles Biochemical and Biophysical Research Communications, Vol. 170, No. 1 (July 16, 1990) pp. 17-22
EV	Harper et al., A Calcium-Dependent Protein Kinase With a Regulatory Domain Similar to Calmodulin Science, Vol. 252, (May 17, 1991) pp. 951-954
<b>F</b>	Polya et al., Ca <sup>2+</sup> -dependent protein phosphorylation in germinated pollen of Nicotiana alata, an ornamental tobacco Physiologia Plantarum, Vol. 67 (1986) pp. 151-158
G	Polya et al., Database Biosis Online, Biosciences Information Service, Philadelphia, PA, US; 1986: Calcium-Dependent Protein Phosphorylation in Germinated Pollen of Nicotiana-Alata an Ornamental Tobacco Accession No. PREV198682086815
Н	Putnam-Evans et al., Database Biosis Online, Biosciences Information Service, Philadelphia, PA, US; 1989:  Calcium-Dependent Protein Kinase is Localized with F Actin in Plant Cells  Accession No. PREV19897075577
1 <sub>v</sub>	Putnam-Evans et al., Calcium-Dependent Protein Kinase is Localized With F-Actin in Plant Cells Cell Motility and Cytoskeleton, Vol. 12 (1989) pp. 12-22
J	Suen, K.L. and Choi, J.H., Isolation and sequence analysis of a cDNA clone for a carrot calcium-dependent protein kinase: homology to calcium/calmodulin-dependent protein kinases and to calmodulin  Plant Molecular Biology, Vol. 17 (1991) pp. 581-590
К	

EX	ΔΙ	М	11	V	E	R
	_		••	•	_	1 .

**DATE CONSIDERED**